

**BOREWELL SUBMERSIBLE PUMP SET -175 M.M. (7")**

**APPROXIMATE PERFORMANCE DATA AT 2880 RPM, 380 VOLTS, THREE PHASE, 50 Hz, A.C. SUPPLY**



Submersible Pump Set

**MIXED FLOW**

| Pump Model | H.P  | Pump Stage | Out let Size | Cable SQ. M.M. |                      | DISCHARGE IN LPM |     |     |     |     |     |      |
|------------|------|------------|--------------|----------------|----------------------|------------------|-----|-----|-----|-----|-----|------|
|            |      |            |              |                |                      | 0                | 475 | 675 | 790 | 880 | 940 | 1060 |
| PMS-250    | 5.0  | 2          | 3"/4"        | 1X3X1.5        | <b>HEAD IN METER</b> | 36               | 25  | 24  | 22  | 19  | 18  | 16   |
| PMS-250    | 7.5  | 3          | 3"/4"        | 1X3X2.5        |                      | 54               | 38  | 36  | 33  | 28  | 27  | 24   |
| PMS-250    | 10.0 | 4          | 3"/4"        | 1X3X4.0        |                      | 72               | 50  | 48  | 44  | 37  | 36  | 32   |
| PMS-250    | 12.5 | 5          | 3"/4"        | 1X3X4.0        |                      | 90               | 63  | 61  | 55  | 47  | 45  | 40   |
| PMS-250    | 15.0 | 6          | 3"/4"        | 1X3X4.0        |                      | 108              | 76  | 73  | 66  | 56  | 53  | 48   |
| Pump Model | H.P  | Pump Stage | Out let Size | Cable SQ. M.M. |                      | DISCHARGE IN LPM |     |     |     |     |     |      |
| PMS-300    | 6.0  | 2          | 3"/4"        | 1X3X2.5        | <b>HEAD IN METER</b> | 36               | 25  | 24  | 22  | 19  | 18  | 16   |
| PMS-300    | 10.0 | 3          | 3"/4"        | 1X3X4.0        |                      | 54               | 38  | 36  | 33  | 28  | 27  | 24   |
| PMS-300    | 12.5 | 4          | 3"/4"        | 1X3X4.0        |                      | 72               | 50  | 48  | 44  | 37  | 36  | 32   |
| PMS-300    | 15.0 | 5          | 3"/4"        | 1X3X4.0        |                      | 90               | 63  | 61  | 55  | 47  | 45  | 40   |
| PMS-300    | 17.5 | 6          | 3"/4"        | 1X3X6.0        |                      | 108              | 76  | 73  | 66  | 56  | 53  | 48   |
| PMS-300    | 20.0 | 7          | 3"/4"        | 1X3X6.0        |                      | 126              | 88  | 85  | 77  | 65  | 62  | 56   |
| Pump Model | H.P  | Pump Stage | Out let Size | Cable SQ. M.M. |                      | DISCHARGE IN LPM |     |     |     |     |     |      |
| PMS-400    | 7.5  | 2          | 3"/4"        | 1X3X2.5        | <b>HEAD IN</b>       | 40               | 25  | 24  | 22  | 19  | 18  | 16   |
| PMS-400    | 12.5 | 3          | 3"/4"        | 1X3X4.0        |                      | 60               | 38  | 36  | 33  | 28  | 27  | 24   |
| PMS-400    | 15.0 | 4          | 3"/4"        | 1X3X4.0        |                      | 80               | 50  | 48  | 44  | 37  | 36  | 32   |
| PMS-400    | 20.0 | 5          | 3"/4"        | 1X3X6.0        |                      | 100              | 63  | 61  | 55  | 47  | 45  | 40   |
| Pump Model | H.P. | Pump Stage | Out let Size | Cable SQ. M.M. |                      | DISCHARGE IN LPM |     |     |     |     |     |      |
| PMS-500    | 10.0 | 2          | 3"/4"        | 1X3X4.0        | <b>HEAD IN</b>       | 40               | 25  | 24  | 22  | 19  | 18  | 16   |
| PMS-500    | 15.0 | 3          | 3"/4"        | 1X3X4.0        |                      | 60               | 38  | 36  | 33  | 28  | 27  | 24   |
| PMS-500    | 20.0 | 4          | 3"/4"        | 1X3X6.0        |                      | 80               | 50  | 48  | 44  | 37  | 36  | 32   |